

**NAVAL MEDICAL CENTER PORTSMOUTH**

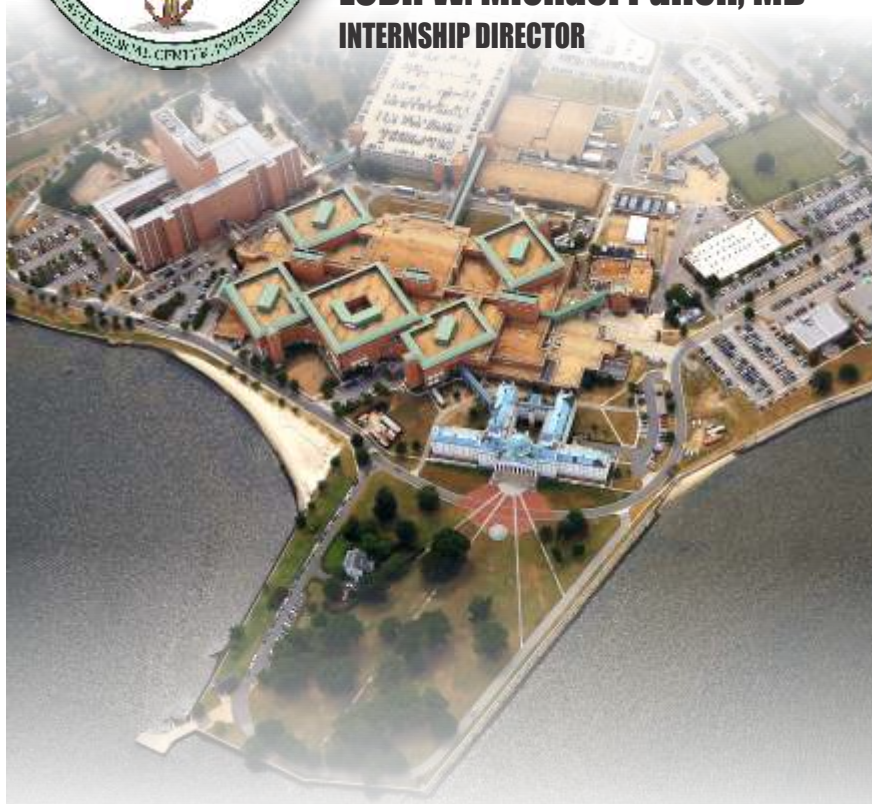
# **ORTHOPAEDIC SURGERY RESIDENCY PROGRAM**

**ESTABLISHED 1958**

**CDR James Hammond, DO**  
**DEPARTMENT CHAIRMAN**

**CDR Thomas Douglas, MD**  
**PROGRAM DIRECTOR**

**LCDR W. Michael Pullen, MD**  
**INTERNSHIP DIRECTOR**





# ORTHOPAEDIC SURGERY PROGRAM

## Philosophy

### Who Are We?

A high volume, hardworking, cohesive academic program with committed faculty and residents that have high expectations, that thoroughly prepares each resident to deliver safe and quality care in a successful active duty career as an orthopaedic surgeon.

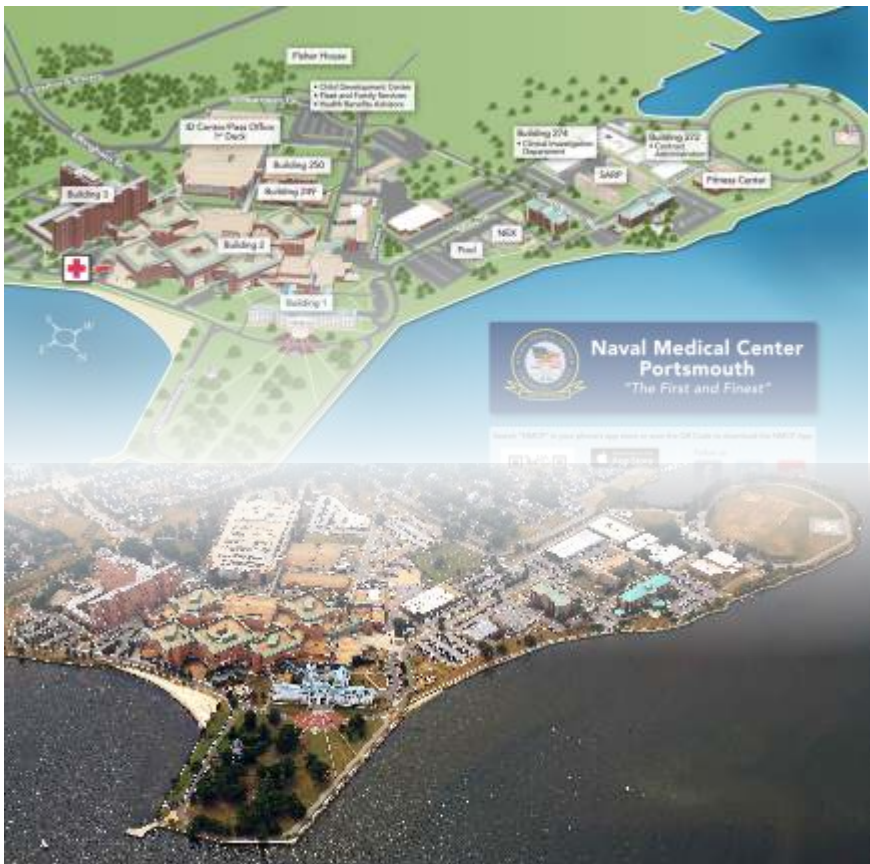
The Orthopaedic Surgery Program at the Naval Medical Center Portsmouth (NMCP) was established in 1958. It is a fully accredited, five-year program comprised of 20 residents with four residents at each year level of training and a dedicated orthopaedic internship. NMCP is a proven leader in academic and military medicine and the orthopaedic surgery department is no exception. The department is at the forefront of academic and clinical orthopaedics in both civilian and academic communities. The NMCP Orthopaedic Residency Program prepares its residents to be adept and knowledgeable, with a keen sense of clinical and technical skills. More importantly, the program stresses compassionate care conforming to the highest ethical standards of medical and surgical practice. Our graduates complete residency training technically proficient in all areas of orthopaedics, both operative and non-operative. Our program has one of the longest running 100% pass rate for Part I and Part II American Board of Orthopaedic Surgeons (ABOS) exams in the United States

The Orthopaedic Department is located in the Charette Health Care Center at NMCP. The hospital is on a 112-acre site along the Elizabeth River in downtown Portsmouth, Virginia. The 1.02 million square foot Charette Health Care Center is one of the most modern in Navy Medicine. The center contains over 300 clinical exam rooms, 140 specialty exam rooms, and 17 operating rooms. NMCP has a biomedical research department with over 200 active protocols and a state-of-the-art medical library.

NMCP is a tertiary care facility with a wide catchment area - from facilities in Europe and the east coast of the U.S., all of which, provides a large variety of emergent and non-emergent orthopaedic cases. The local patient population is comprised of active duty and retired military members and their families. The Orthopaedic Department sees over 55,000 patients per year and performs approximately 4000-5000 surgical procedures per year. Additionally there are significant opportunities to perform minor room cases, fracture reductions, and urgent orthopaedic clinical care. The program also provides excellent exposure to in-office ultrasound guided procedures and the use of biologics in the clinic as well as in the operating room. The department is also performing surgical procedures at a civilian ambulatory surgery center to expand resident exposure to different surgical environments. Our Department of Defense population and expansive referral area ensure that there is no shortage on variety and amount of orthopedic cases.

# GENERAL INFORMATION

Naval Medical Center Portsmouth Residency Program is a comprehensive multi-center, multi-year experience. In addition to time spent in Portsmouth at the parent institution, residents travel to various other locations to enhance their broad orthopaedic experience. During the PGY-2 year, residents attend the AO Trauma Basic Principles Course. During the PGY-3 year, residents travel to Tampa for a rotation in orthopaedic trauma surgery and locally at Sentara Obici hospital in Suffolk, Virginia for orthopaedic spine surgery. Also during the PGY-3 year, residents attend the AO Trauma Advanced Principles course. During the PGY-4 year, residents travel to Boston to New England Baptist for Adult Reconstruction and locally at Childrens Hospital for the Kings Daughters, (CHKD) for pediatric orthopaedics. Also, during the PGY-4 year, the residents attend the Enneking Orthopaedic Tumor course and the Microvascular Hand course. During the PGY-5 year, residents travel locally to Sentara Norfolk General for orthopaedic trauma. Also, during the PGY-5 year, residents attend the Maine orthopaedic board review course.



# PROGRAM DESCRIPTION

## PGY-1 Year

The current requirements for the PGY-1 year in Orthopaedic Surgery were defined by the American Board of Orthopaedic Surgery (ABOS) and ACGME. Below is a framework provided by the ABOS for rotations during the PGY-1 year that satisfies all requirements to start the PGY-2 year in Orthopaedic Surgery, yet provides a broad-based training experience if a GMO, Flight Surgery or Dive Medicine tour is selected. The PGY-1 Orthopaedic Surgery year at NMCP consists of the following rotations:

- 6        Orthopaedic
- 1        General Surgery
- 1        Neuro Surgery
- 1        Plastic Surgery
- 1        Emergency Medicine
- 2        Trauma at Norfolk Sentara
- 2 wks   Rheumatology
- 2 wks   Musculoskeletal Radiology
- \*2 wks   OB/GYN during Ortho Elective month (Depends whether you are selected for GMO or Straight through Residency)



# NMCP ORTHO ROTATIONS

- 1. Adult Reconstruction/Orthopaedic Oncology Team:** Three fellowship trained orthopaedic adult reconstruction joint surgeons, a fellowship trained orthopaedic oncology surgeon, a chief resident, and a PGY-3 resident comprise the Adult Reconstruction/Orthopaedic Oncology Team. Clinic is held two times per week and is focused on patients with major joint disease and/or complex hip and knee pathologic conditions and deformities. Operative cases occur three times per week. The PGY-3 and PGY-5 will assist the team with intraoperative and postoperative surgical care. A comprehensive experience in the treatment of musculoskeletal tumors is also included.
- 2. Tampa Trauma Rotation:** As a member of the USF Orthopaedic Trauma Team, the PGY-3 will assist with work-up, evaluation, and surgical management of acute trauma patients at a Level 2 trauma center.
- 3. Night Float:** The PGY-3 will be the senior resident in house at night Sunday through Thursday and will supervise a PGY-2 and an intern. The PGY-3 will manage all consults and inpatients. The PGY-3 will report to the chief resident on call. Residents rotate on this service for three months as a PGY-3.
- 4. Spine Team:** Composed of one fellowship trained spine orthopaedic surgeons, four fellowship trained Neurosurgeons, a PGY-3, and a PGY-2 resident care for musculoskeletal problems in the spine patient. Clinics are two to three days per week, with two operative days per week. Additionally, half the time for the PGY-3 is spent in a local community spine practice.
- 5. Hand Team:** Three fellowship-trained hand surgeons lead the experience for one PGY-4 resident and one PGY-2 resident. The PGY-4 is responsible to for cases in the Main OR (twice a week), and clinic (two days per week). The PGY-4 is responsible for discussion at hand journal club is every Tuesday morning.
- 6. Children's Hospital for the King's Daughters (CHKD):** The PGY-4 is part of the Pediatric Orthopaedic Team. You will work alongside our colleagues from the CHKD Pediatric Orthopaedic Surgery Service. This is a fantastic opportunity to work in a pediatric environment with our civilian pediatric orthopaedic surgeon colleagues.
- 7. New England Baptist Medical Center Adult Reconstruction, Boston, MA:** A PGY-4 is part of the Adult Reconstruction Team. Clinic is held two times per week and is focused on patients with major joint disease and/or complex hip and knee pathologic conditions and deformities. Operative cases occur three times per week. The PGY-4 will assist the team with intraoperative and postoperative surgical care.



# NMCP ORTHO ROTATIONS CONTINUED

8. **Fracture/Trauma Team:** Under the guidance of two fellowship trained staff orthopaedic trauma surgeons, the PGY-4 will supervise the PGY-2 and will coordinate a dynamic team with comprehensive orthopaedic problems. The PGY-4 is expected to run the Orthopaedic Trauma Service. The PGY-4 will also supervise the PGY-2 who carries the call pager and will supervise consults during this rotation. Here, basics of fracture care, trauma evaluation, and operative management will be taught. Clinic is two days per week coupled with two or more operative days. The PGY-4 will be responsible for supervising the PGY-2 in presenting trauma preoperative conference and journal club every Tuesday.
9. **Pediatrics Team:** Two fellowship trained staff pediatric orthopaedic surgeons, a PGY-4, and a PGY-2 care for musculoskeletal problems in the pediatric patient. Clinics are two to three days per week, with two operative days per week.
10. **Sentara Norfolk General Trauma:** As a member of the Sentara Norfolk General Orthopaedic Trauma Team, the PGY-5 will assist with work-up, evaluation, and surgical management of acute trauma patients at this Level 1 trauma center.
11. **Sports Team:** Five fellowship trained sports surgeons specializing in orthopaedic problems of the shoulder and knee and one fellowship trained shoulder and elbow surgeon will work closely with the PGY-5 and PGY-2. Clinics are twice per week and operating room time is twice per week.
12. **Foot and Ankle Team:** Two fellowship trained foot and ankle surgeons will work closely with the PGY-5. Attention is focused to the non-operative and operative care of mid and hind foot conditions and fracture care for the foot and ankle. Clinics are twice per week and operating room time is twice per week.



2017-2018

## ORTHO PAEDIC RESIDENT/PA FELLOW SCHEDULE

	PAGER	JULY	AUG	OCT	NOV	JAN	FEB	MAR	APR	MAY	JUN		
PGY-2	5 blocks												
	SITE	NAVAL MEDICAL CENTER PORTSMOUTH											
	Rotation	TRAUMA		PEDS		HAND		SPORTS		SPINE			
PGY-3	4 blocks												
	SITE	NAVAL MEDICAL CENTER PORTSMOUTH			Obici, Suffolk, VA			Tampa, FL					
	Rotation	ADULT RECON		NIGHT FLOAT		SPINE		TRUAMA					
PGY-4	5 blocks	6 week block	6 week block	NAVAL MEDICAL CENTER PORTSMOUTH									
	SITE	CHKD, Norfolk, VA	New England Baptist, Boston, MA										
	Rotation	PEDS	ADULT RECON	PEDS	TRAUMA		HAND						
PGY-5	4 blocks												
	SITE	NAVAL MEDICAL CENTER PORTSMOUTH			Nofolk Sentara								
	Rotation	FOOT AND ANKLE		SPORTS		ADULT RECON			TRAUMA				
PGY-1	13 blocks	Rotation 1	Rotation 2	Rotation 3	Rotation 4	Rotation 5	Rotation 6	Rotation 7	Rotation 8	Rotation 9	Rotation 10	Rotation 11	Rotation 12 & 13
	SITE	Sentara	NMCP		Sentara	NAVAL MEDICAL CENTER PORTSMOUTH							
	Rotation	Trauma	ORTHO	General Surgery	ORTHO	Trauma	MSR/PMR	Neuro Surg	ORTHO	Plastic	ORTHO	Emerg. Med	ORTHO



# **NMCP fellowship placement last 13 years**

## **Last 13 years fellowships attended:**

- ♦ Duke sports
- ♦ Rush sports
- ♦ Harvard foot
- ♦ Cleveland Clinic joints
- ♦ Norton Leatherman spine institute
- ♦ Harborview spine
- ♦ Denver children's Peds
- ♦ Tampa trauma
- ♦ Shelbourne sports
- ♦ Steadmann Hawkins sports
- ♦ Rush joints
- ♦ Miami tumor
- ♦ Minnesota sports
- ♦ HSS joints
- ♦ New England Baptist joints
- ♦ New England Baptist Sports
- ♦ Rady Children's Hospital Peds
- ♦ Wake Forest Hand
- ♦ UC Davis Trauma
- ♦ Ortho Carolina Hand

## **NMCP Healthcare Simulation Bioskills Training Center (HSBTC)**

The center has 2318 square feet of contiguous space and can accommodate training/research on several cadaver and anatomical specimens at any given time due to the layout of the space. Four dry stations accommodate anatomical specimen use and two wet stations can accommodate full cadavers. Storage for up to four cadavers is currently available and in the process of being expanded. Freezers for fresh frozen anatomical specimens are also available. Specialties utilizing the center for surgical anatomy teaching, research and surgical simulation include General Surgery, Otolaryngology, Orthopaedic Surgery, Emergency Medicine, Oral-Maxillofacial Surgery, Urology, and Obstetrics/Gynecology. An administrative support space is provided within the center, which allows access to support staff at all times during training/research activities.

An Orthopaedic Surgery Bioengineering Research Lab is also housed in the Bioskills Lab, which is staffed by a Bioengineer. An MTS machine is implemented with cadaveric and sawbones specimens for biomechanic testing research protocols.

# ACADEMIC SCHEDULE

## The basic academic schedule is:

Monday: 0715: Morning Report

Tuesday: 0700: Case based team presentations/preoperative conference

Wednesday: 0715: Morning Report

Thursday: 0715: Interesting Case Conference

Friday: 715: Morning Report  
0745: Rockwood and Green  
0830: Academics

## On a monthly basis:

- ♦ Department journal club
- ♦ Morbidity and Mortality conference

## Fridays in the Fall:

- ♦ 1200-1400: Anatomy lecture and cadaver dissection

## Mid-November:

- ♦ Orthopaedic In-Training Exam (OITE)

## Supplemental Courses/Meetings:

- ♦ AO Trauma Basic Principles Course (PGY-2)
- ♦ AO Trauma Advanced Principles Course (PGY-3)
- ♦ Microvascular Surgery Course (PGY-4)
- ♦ Enneking Orthopaedic Oncology Course (PGY-4)
- ♦ Combat Extremity Surgery Course
- ♦ American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting (if presenting research)
- ♦ Society of Military Orthopaedic Surgeons (SOMOS) Annual Meeting (if presenting research)
- ♦ Maine Orthopaedic Board Review Course (PGY-5)

## Annual Events:

- ♦ Resident Research Day
- ♦ Visiting Professor Resident Graduation
- ♦ Beach Party
- ♦ OITE Party
- ♦ Holidays Party

# RESEARCH TRAINING

Research at NMCP in the Department of Orthopaedic Surgery is considered an integral part of the residency training. During the beginning of the PGY-2 year, the resident should identify a research project. It is expected that at the completion of residency, the resident should have at least one completed project that is of publishable quality and has been submitted to an appropriate journal and/or presented at an orthopaedic meeting. Each year, the resident is expected to submit an abstract for consideration for presentation at the NMCP Department of Orthopaedic Surgery Spring Research Day.

Most of the orthopaedic staff have extensive research and publication experience. The resident should know there is ample guidance and mentorship available for projects from the staff. Various lectures and teachings throughout the year are provided by the Department of Orthopaedic Surgery as well as the clinical Investigation Department which focus on research skills and experimental setup in order to hone research techniques.

An Orthopaedic Surgery Bioengineering Research Lab is located in the Bioskills Lab, which is staffed by a Bioengineer. An MTS machine is implemented with cadaveric and sawbones specimens for biomechanical testing research protocols.



The NMCP Orthopaedic Department has a comprehensive group of fellowship trained and general orthopaedic staff surgeons, approximately 20 in number with all orthopaedic specialties represented.

# NMCP Orthopaedics Program Directors

1979-1985	Reinert, Charles
1985-1988	Bosse, Michael
1988-1991	Schacherer, Timothy
1991-1995	Deafenbaugh, Martin
1995-2007	Unger, Daniel
2007-2012	Ruland, Robert
2012-2017	Balsamo, Luke
2017-Present	Douglas, Thomas

## Current Staff

### **Commander James Hammond, DO, ATC, MC, USN**

**Chairman, Department of Orthopaedic Surgery**

**Specialty Practice:** Shoulder and Elbow Surgery

**Undergraduate:** Missouri State University

**Medical School:** Kansas City University of Medical and Biosciences

**Residency:** NMCP

**Fellowship:** Rush University Medical Center

### **Commander Thomas Douglas, MD, MC, USN**

**Program Director, Orthopaedic Surgery Residency**

**Program Specialty Practice:** Foot and Ankle

**Undergraduate:** Williams College

**Medical School:** USUHS **Residency:** NMCP

**Fellowship:** Harvard

### **Lieutenant Commander W. Michael Pullen, MD, MC, USN**

**Intern Director, Orthopaedic Surgery Residency Program**

**Undergrad:** Christopher Newport University

**Med School:** Eastern Virginia Medical School

**Residency:** Naval Medical Center Portsmouth - Orthopaedics

## Adult Reconstruction/Orthopaedic Oncology

### **Commander Kevin Pinkos, DO, MC, USN**

**Specialty Practice:** Adult Reconstruction

**Undergraduate:** Lehigh University

**Medical School:** PCOM **Residency:** NMCP

**Fellowship:** New England Baptist

**Clinical Interests:** Hip & Knee Arthroplasty

**Research Interests:** Hip & Knee Outcomes

### **Lieutenant Commander Shannon D. Lorimer, MC, USN**

**Specialty Practice:** Orthopaedic Oncology

**Undergraduate:** University of Kansas

**Medical School:** Kansas City University of Medicine & Biosciences **Residency:** Rowan University

**Fellowship:** University of Utah - Huntsman Cancer Institute

**Clinical Interests:** Benign and Malignant Musculoskeletal Lesions, Metabolic Bone Disease

**Research Interests:** Metabolic Bone Disease with a focus on Vitamin D Deficiency and Stress

Fractures, Tumoral Response to Thermal Stimuli

## Current Staff Continued

### **Commander Steven Grijalva, MD, MC, USN**

**Specialty Practice:** Adult Reconstruction

**Undergraduate:** Excelsior College

**Medical School:** Uniformed Services University of the Health Sciences

**Residency:** Walter Reed National Military Medical Center

**Fellowship:** New England Baptist Hospital

**Clinical Interests:** Periprosthetic Hip and Knee fractures

**Research Interests:** Inter-prosthetic fracture fixation techniques and outcomes

### **Lieutenant Commander Ashton H. Goldman, MD, MC, USN**

**Undergrad:** United States Naval Academy

**Med School:** Medical College of Virginia/VCU **Residency:** Medical College of Virginia/VCU

**Fellowship:** Lower Extremity Reconstruction- Mayo Clinic, Rochester, MN

**Clinical Interests:** Hip/Knee preservation, Primary and complex revision TKA/THA.

**Research Interest:** Clinical and Basic Science mechanisms on why revision total hip and revision total knee arthroplasty fail.

## Foot and Ankle Surgery

### **Commander Thomas Douglas, MD, MC, USN**

**Specialty Practice:** Division of Foot and Ankle Surgery

**Undergraduate:** Williams College

**Medical School:** USUHS **Residency:** NMCP

**Fellowship:** Harvard

**Clinical Interests:** Sport Injuries of the Foot & Ankle, Achilles Tendon Ruptures, & Foot Trauma

**Research Interests:** Sport Injuries of the Foot & Ankle, Achilles Tendon Ruptures, & Foot Trauma

### **Lieutenant Commander Conor Garry, MD, MC, USN**

**Specialty Practice:** Division of Foot and Ankle Surgery

**Undergraduate:** Tufts

**Medical School:** Georgetown **Residency:** Georgetown

**Clinical Interests:** Sports & General Orthopaedics

**Research Interests:** Extensor Mechanism & Sports Injuries

## Hand Surgery

### **Captain Robert Ruland, MD, MC, USN**

**Specialty Practice:** Hand Surgery

**Undergraduate:** University of Virginia

**Medical School:** Eastern Virginia Medical School **Residency:** SUNY Stony Brook

**Fellowship:** Thomas Jefferson University

**Clinical Interests:** Hand

**Research Interests:** Fracture Fixation Techniques, Upper Extremity Fasciotomy

# Current Staff Continued

## **Captain Christopher Hogan, MD, MC, USN**

**Specialty Practice:** Hand Surgery

**Undergraduate:** University of Virginia

**Medical School:** University of Virginia **Residency:** University of Virginia

**Fellowship:** Duke University

**Clinical Interests:** Hand

**Research Interests:** Fracture Fixation Techniques

## **Lieutenant Commander Matthew Langford, MD, MC, USN**

**Specialty Practice:** Hand Surgery

**Undergraduate:** Grove City College

**Medical School:** Temple University **Residency:** NMCP

**Fellowship:** Wake Forest University

**Clinical Interests:** Hand

**Research Interests:** Fracture Fixation Techniques

## **Lieutenant Commander Andrew Henebry, MD, MC, USN**

**Specialty Practice:** Hand Surgery

**Undergraduate:** University of Notre Dame

**Medical School:** Emory University School of Medicine **Residency:** NMCP

**Fellowship:** OrthoCarolina Hand Fellowship

**Clinical Interests:** Sports & General Orthopaedics

**Research Interests:** Extensor Mechanism & Sports Injuries

## Pediatric Orthopaedics

### **Eric D. Shirley, MD**

**Specialty Practice:** Pediatric Orthopaedic Surgery

**Undergraduate:** Washington and Lee University

**Medical School:** Dartmouth Medical School **Residency:** Johns Hopkins Hospital

**Fellowship:** Children's Hospital of Philadelphia

**Clinical Interests:** Spinal deformity, Adolescent sports medicine, Hip dysplasia, Clubfoot

**Research Interests:** Shared decision making

## Spine

### **Commander Mark Coseo, MD, MC, USN**

**Specialty Practice:** Spine Surgery

**Undergraduate:** Cornell University

**Medical School:** USUHS **Residency:** NMCSO

**Fellowship:** Norton Leatherman Spine Institute

**Clinical Interests:** Spine

**Research Interests:** Spine Biomechanics

## Sports

### **Captain Christopher I. Ellingson, MD, MC, USN**

**Specialty Practice:** Sports Surgery

**Undergraduate:** Augustana College Sioux Falls

**Medical School:** Washington University, St. Louis, MO **Residency:** NMCP

**Fellowship:** Minnesota Orthopaedic Sports Medicine

**Clinical Interests:** Hip Arthroscopy

**Research Interests:** Hip Arthroscopy



# Current Staff Continued

## **Commander C.J. Osier, MD, MC, USN**

**Specialty Practice:** Sports Surgery

**Undergraduate:** Auburn University

**Medical School:** Emory University **Residency:** UT Southwestern Medical Center

**Fellowship:** Hughston Clinic, Columbus, GA

**Clinical Interests:** Knee & Shoulder Instability, Damage Control Orthopaedics

**Research Interests:** Knee & Shoulder Instability, Damage Control Orthopaedics

## **Commander James Hammond, DO, ATC, MC, USN**

**Specialty Practice:** Shoulder and Elbow Surgery

**Undergraduate:** Missouri State University

**Medical School:** Kansas City University of Medical and Biosciences **Residency:** NMCP

**Fellowship:** Rush University Medical Center

**Clinical Interests:** Sports Injuries of Shoulder, Elbow, and Knee

**Research Interests:** Sports Injuries of Shoulder, Elbow, and Knee

## **Lieutenant Commander Charles Smark, MD, MC, USN**

**Specialty Practice:** Sports Medicine and Shoulder Surgery

**Undergrad:** Michigan State University, BS Physiology with Honors

**Med School:** University of Miami, Miller School of Medicine **Residency:** NMCSD

**Fellowship:** Massachusetts General Hospital

**Clinical Interests:** Shoulder and knee injury, Tactical athlete care

**Research Interest:** Incorporating valuable outcome metrics into surgical practice

## **Lieutenant Commander W. Michael Pullen, MD, MC, USN**

**Intern Director, Orthopaedic Surgery Residency Program**

**Undergrad:** Christopher Newport University

**Med School:** Eastern Virginia Medical School **Residency:** NMCP

**Clinical Interests:** Sports medicine, Shoulder, Hip, and Knee surgery

**Research Interest:** Shoulder Surgery, Labral Surgery, Hip Arthroscopy, ACL

## **Lieutenant Commander George "Christian" Balazs, MD, MC, USN**

**Specialty Practice:** Sports Surgery

**Undergraduate:** Tulane University

**Medical School:** University of Hawaii John A. Burns School of Medicine

**Residency:** Walter Reed National Military Medical Center

**Fellowship:** Hospital for Special Surgery

**Clinical Interests:** Hip Arthroscopy, cartilage repair

**Research Interests:** orthopaedic clinical outcomes, opioid abuse/prescribing practices, surgical decision-making

## **Amanda L. Weller, MD, FAAOS, ATC**

**Specialty Practice:** Sports Medicine

**Undergrad:** University of Virginia

**Med School:** Eastern Virginia Medical School **Residency:** University of Texas Southwestern

**Fellowship:** University of Pittsburgh

**Clinical Interests:** Shoulder/knee/hip arthroscopy

**Research Interest:** Return to play after ACL reconstruction, risk factors for ACL tear

## Trauma

**Commander Christopher S. Smith, MD, MC, USN**

**Director of Orthopaedic Trauma and Orthopaedic Research**

**Specialty Practice:** Orthopaedic Trauma Surgery

**Undergraduate:** Old Dominion University

**Medical School:** Medical College of Virginia

**Residency:** University of Florida College of Medicine, Jacksonville

**Fellowship:** Hospital for Special Surgery

**AO Fellowship:** University of Tubingen, Germany

**Clinical Interests:** Periarticular Fracture, Non Unions

**Research Interests:** Biomechanical Fracture Fixation

**Commander Colin V. Crickard, MD, MC, USN**

**Specialty Practice:** Orthopaedic Trauma

**Undergraduate:** United States Naval Academy

**Medical School:** USUHS

**Residency:** NMCSO

**Fellowship:** Carolinas Medical Center, Charlotte, NC

**Clinical Interests:** Trauma & Deformity Correction

**Research Interests:** Surgical Approaches

## Podiatry

**David Morgan, DPM**

**Dawn Bell, DPM**

**John Aalto, DPM**

**Joseph Mayr, DPM**

**William Chen, DPM**

## Physician Assistants

**Michelle Pettit, PA-C**

**Tibby Griffin, PA-C**

**Kerri Browne, PA-C**

**Benjamin Mattox, DrPH, PA-C**

**Dustin Berry, PA-C**

## Non Operative Orthopaedic Care

**Jennifer Reed, MD**

**Ivan Hinnant, MD**

## Chiropractic Care

**Robert McBride, DC**

**Joseph Santarsieri, DC**



# Prior Residency Graduates

The Department of Orthopaedics at NMCP has placed graduates in academic positions, competitive fellowships, and in naval hospital throughout the world as both general and subspecialized orthopaedic surgeons. Many of these individuals have gone on to both flourishing careers in Navy Medicine and others have ventured into successful civilian private practice and academic institutions. The following is a list of graduates from the NMCP Orthopaedic Program:

2019	Erdle, Nicholas	2011	Hammond, James
2018	Balboni, Alana		Matiassek, Matthew
	Cochram, Christopher		Roth, Jonathan
	Nabet, Austin	2010	Douglas, Thomas
	Spears, Thomas		Grabill, Scott
			Maher, Jonathan
2017	Feaker, David		
	Hall, Gregory	2009	Kent, Roland
	Van Nielen, Dominic		Petilon, Julio
			Radich, Amy
2016	Frazier, Timothy		
	Mannino, Brian	2008	White, Sharese
	Pullen, William		
	Boatwright, Robert	2007	Gaines, Robert
			Randall, Craig
2015	Glassman, David		Zehms, Chad
	Henebry, Andrew		
	Skeehan, Christopher	2006	Ellingson, Christopher
	Neal, Meredith		Peterson, Shaun
			Wright, Geoffrey
2014	Fossee, Craig		
	Needham, Kenneth	2005	Balsamo, Luke
	Pinkos, Kevin		Humble, Byron
	Stepanovich, Matthew		Whiddon, David
2013	Goodrich, Jarod		
	Rapp, Catherine		
	Wilson Jr., Addison		
2012	Garland, Joshua		
	Deafenbaugh, Bradley		
	Langford, Matthew		
	Rockwood, Jason		

# Prior Residency Graduates Continued

1983	Kornberg, Markus Lukowski, Peter J. Shaffer, William O.	1972	Unsicker, Carl L. Zorn, Dale T. Mullen, James E. Conforti, Victor
1982	Hutton, Patrick Karr, Michael Segarra-Vidal Juan	1971	Walsh, John J., Jr. Leshner, Robert C.
1981	No Graduates..program extended to 4 Yrs	1970	Young, Stanley B. Adams, Curtis D. Kaiser, Dale C.
1979	DePerczel, John L. Sabrin, Russell L. Meadows, Gilbert R. Holden, Richard T.	1969	none
1978	Tormes, Felix R. Wilkins, Bernard A	1968	Blackner, Gerry J. Fong, Don L
1977	Meade, Thomas S., Jr. Thompson, Eric N. McLeod, James W. Upchurch, William D.	1967	Blackburn, Frank C. Biron, Pierre Hall, James Westervelt, Harold A
1976	McCarroll, John R. Herndon, William A. Becker, Albert E., Jr. Fulchiero, Gregory J.	1966	Budd, Frank W., Jr. Randels, Paul H.
1975	Sterling, Robert A. Knuff, Robert J. Hinckley, James A. Steele, Marshall	1965	Davis, Gerald L. Cooper, Paul D. Fenning, John B. Collier, J. Porter, Jr.
1974	SLandis, Andrew E., Jr Miller, George J., Jr	1964	McLear, William
1973	Voth, Gayle V. Loxley, Sidney Hamilton, Henry K. Blanton, Marvin A., III	1963	Rohren, Donald W.
		1962	Sierchio, Gerald P. Woodsteing, Ira J.
		1961	Colgrove, Robert C. Emich, Charles J. Rentis, Gregorios (60-61), obsorvorship

## Prior Residency Graduates Continued

2004	Fox, Bryan Lambert, Edward Tavassoli, Jeff	1993	Jaggears, Floyd Jercinovich, Igor Unger, Daniel DiStasio, A.J.
2003	Todd Curran Michael Kazel Gregory Harbach	1992	Gerbino, Peter Gibson, Wilford Wilsterman, Robert
2002	Rowles, Douglas Echols, Eddy	1991	Race, Mark Foster, John McCarthy, Francis
2001	Bates, Thomas Hebert, Daniel Garner, Walter	1990	Deafenbaugh, Martin Degnan, Gregory
2000	Carr, Donald Lemek, Scott Stewart, Joel	1989	Bartosh, Robert Choban, Steve Engdahl, Dwight
1999	Enad, Jerome Cline, Steve Taneja, Anil Naylor, Richard	1988	Eshman, Stephen Iiams, Gordon Kona, John Ove, Norman
1998	Kelso, Thomas Mighell, Mark Savarino, Richard	1987	Christian Eshman Walentynowich
1997	Fink, Brett Gegenheimer, Alan Harbach, Todd	1986	Cannon McDevitt Longstreet
1996	Soyer, Adam Metts, Robert Lewis, Jane	1985	McGuire Miller Schocherer
1995	Sweeney, Francis Herron, Bryan Mason, Richard	1984	Bergfield Bundens Malety Shelkun
1994	Biddulph, John Lochmann, Daniel Mark, James B.		

# Prior Residency Graduates Continued

1960	Gilchrist, Don K. Laurie, James H. Moga, Gregg M., Jr. Weir, Gordon Gunay, Turban (59- 1/60:observership, Ortho, Turkish Navy	1959	Wilson, George
		1958	Waive, Henry J.
		1957	Heaton, Samuel Helfer, Sidney (Jan 57, requested ortho residency)



# Current Residents

2020	Cancian, John Lee, Chihua	Dawood, Rehan Ostrofe, Amy
2021	Olsen, Aaron Manson, Hicks	Ernst, Andrew Nevins, Colin
2022	Katsma, Mark Kotler, Joshua	Harrison, James Langford, Philip
2023	Griffis, Clare Kallevang, Johnathan Wyatt, John	Johnson, Daniel Sheppard, Sean
2024	Foley, Kevin Sanderson, Galen	Musher, David Tardiff, Robert



# Selected Publications

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# Application Process and Interviews



Our Program is approved for four positions per year group by the ACGME. Once selected you are guaranteed a spot in our Residency. After your PGY-1 year you will either be selected to continue through to complete your Residency or be required to do a GMO/FS/UMO tour. When you have completed your tour you are guaranteed a training spot back with the program. The Orthopaedic Surgery Residency is very competitive. Applicants are encouraged to complete a rotation and interview with the program during the application period.

Navy GME application deadlines change yearly. See your Program Advisor for current submission requirements and deadlines. Residents are selected each December at the selection meeting in Washington, D.C. Results are announced in mid-December.

# Clerkships

Medical students in their third and fourth year are encouraged to rotate with the Department of Orthopaedics. Upon arrival, the student will be assigned to a specific team. Students who have rotated at Portsmouth obtain an unparalleled experience as they assimilate into all aspects of the orthopaedic team. The student will share clinical responsibilities, participate in emergency care, and assist with cases in the operating room, and function as a junior member of the team. The rotation is also an excellent time to learn more about the residency program and application guidelines.

Students interested in completing a clerkship in the Department of Orthopaedic Surgery or Interview should fill out a clerkship request online at <http://www.med.navy.mil/sites/nmcp/Dept/SitePages/GMED/default.aspx> The Orthopaedic Surgery Residency Coordinator is Kelley Jacobson at (757) 953-1814 or via email at [kelley.r.jacobson.civ@mail.mil](mailto:kelley.r.jacobson.civ@mail.mil)







## Inquiries

If you are interested in a residency in Orthopaedic Surgery at Naval Medical Center Portsmouth and you have additional questions please contact Kelley Jacobson, the Department of Orthopaedic Surgery Residency Coordinator.





**Revised  
2019**

